

**COMBINED DECLARATION FOR PATENT  
APPLICATION AND POWER OF ATTORNEY**  
(Includes Reference to PCT International Applications)

Attorney's Docket Number  
091-0144

U.S. Application No. (if known)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**PHASED ARRAY ANTENNA ARCHITECTURE  
HAVING DIGITALLY CONTROLLED CENTRALIZED BEAM FORMING**

the specification of which

☒ is attached hereto

OR

☐ was filed as United States Application Number or PCT International Application Number

on \_\_\_\_\_

and was amended

on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States, §119 (e) of any United States provisional application(s) listed below.

\_\_\_\_\_  
(Application Number)

\_\_\_\_\_  
(Filing Date)

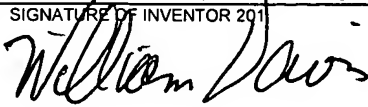

\_\_\_\_\_  
(Application Number)

\_\_\_\_\_  
(Filing Date)

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) or §365 of any foreign application(s) for patent or inventor's certificate or §365 (a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:**

COUNTRY (if PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

<b>Combined Declaration For Patent Application and Power of Attorney (Continued)</b> (Includes Reference to PCT International Applications)				Attorney's Docket Number  091-0144	
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or §365 of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:					
<b>PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:</b>					
U.S. APPLICATIONS				STATUS (Check one)	
U.S. APPLICATION NUMBER	U.S. FILING DATE			PATENTED	PENDING
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			
<b>POWER OF ATTORNEY:</b> As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. <i>(List name and registration number)</i> ; Charles T. Silberberg, Reg. No. 26,584; Harry B. Field, Reg. No. 27,880; Henry G. Kohlmann, Reg. No. 26,672; Terje Gudmestad, Reg. No. 32,232; John R. Rafter, Reg. No. 28,533; William C. Anderson, Reg. No. 28,147 and Thomas W. Hennen, Reg. No. 27,798; John C. Hammar, Reg. No. 29,928; Lawrence W. Nelson, Reg. No. 34,684; David J. Clement, Reg. No. 44,082; Ann K. Galbraith, Reg. No. 33,530; Robert L. Gullette, Reg. No. 26,899; Bryan C. Ogden, Reg. No. 25,362; Nicholas T. Bauz, Reg. No. 41,604; all attorneys with The Boeing Company, Chicago, Cook County, Illinois; and Michael A. Shimokaji, Reg. No. 32,303 and each principal, attorney of counsel, associate and employee of Shimokaji   Fritz LLP, who is a registered Patent Attorney or Agent, including;; David Bowls, Reg. No. 39,915; Gudrun Passlack, Reg. No. 47,847; Rouz Tabaddor, Reg. No. 45,312; Michael Ries, Reg. No. 53,518 and Euclid Woo, Reg. No. 45,838.					
<b>Send Correspondence to:</b>  DiPINTO & SHIMOKAJI, P.C. 1301 Dove Street Suite 480 Newport Beach, CA 92660				<b>Direct Telephone Calls to:</b> <i>(name and telephone number)</i>  Michael A. Shimokaji (949) 223-0838	
2 0 1	FULL NAME OF INVENTOR	FAMILY NAME Davis	FIRST GIVEN NAME William	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Santa Fe	STATE OR FOREIGN COUNTRY NM	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 4 Valencia Loop	CITY Santa Fe	STATE & ZIP CODE/COUNTRY NM 87508	
2 0 2	FULL NAME OF INVENTOR	FAMILY NAME Hladek	FIRST GIVEN NAME Robert	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Rolling Hills Estates	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 4646 Rollando Drive	CITY Rolling Hills Estates	STATE & ZIP CODE/COUNTRY CA 90274	
2 0 3	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME Robert	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.					
SIGNATURE OF INVENTOR 201		SIGNATURE OF INVENTOR 202		SIGNATURE OF INVENTOR 203	
					

DATE <b>Oct 29, 2003</b>	DATE <b>Oct 29, 2003</b>	DATE
--------------------------	--------------------------	------

<b>Combined Declaration For Patent Application and Power of Attorney</b> <b>(Continued)</b> (Includes Reference to PCT International Applications)	Attorney's Docket Number <b>091-0144</b>
--	---

--	--	--	--	--

204	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
205	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
206	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE